

**NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 6/19/99 are:

28.5 HWD TC-250mm total to center of 1

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

REVIEWER COMMENTS: *Not acceptable due to poor presentation and lack of detail. Figures are too small and difficult to read.*

<b>1. DRAWINGS.</b> 37 CFR 1.84(e): Acceptable categories of drawings.	<b>ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(f):
Black ink: Color: <input type="checkbox"/> Approved when filed; <input type="checkbox"/> Not acceptable until petition granted.	Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
Color drawings are not acceptable until petition is granted.	Fig(s) _____
(a) Pencil and non-black ink not permitted. Fig(s) _____	SCALE. 37 CFR 1.84(k): Unusual quantities and sizes not acceptable.
2. PHOTOGRAPHS. 37 CFR 1.84 (b)	Scans not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
1 full-tone set is required. Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS.
Photographs not properly mounted (must use Bristol board or photographic double-weight paper). Fig(s) _____	37 CFR 1.84(l):
Poor quality (half-tone). Fig(s) _____	Digits numbers & letters not uniformly thick and well legible. Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(c)	Defined, clean, durable, and black (poor line quality). Fig(s) _____
Paper not flexible, strong, white, and durable; relative equivalent being used. Erasures, alterations, overwritings, interlinings; fold lines; copy machine marks not accepted. Fig(s) _____	Fig(s) _____
Fig(s) _____	SHADING. 37 CFR 1.84(m): Line numbers. Fig(s) _____
Folds; copy machine marks not accepted. Fig(s) _____	Solid black areas pale. Fig(s) _____
Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	Solid black shading not permitted. Fig(s) _____
Fig(s) _____	Shade lines (pale) rough and blurred. Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
21.0 cm by 29.7 cm (DIN size A4)	37 CFR 1.84(g):
21.6 cm by 27.9 cm (8 1/2 x 11 inches)	Numbers and reference characters not plain and legible. Fig(s) _____
All drawing sheets not the same size. Fig(s) _____	Fig(s) _____
Sheet(s) _____	Figure legends are poor. Fig(s) _____
Drawings sheets not an acceptable size. Fig(s) _____	Numbers and reference characters not oriented in the same direction as the views. 37 CFR 1.84(g)(3) Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Fig(s) _____
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used. 37 CFR 1.84(p)(2)
SIZE: A4 Size	Fig(s) _____
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Numbers, letters and reference characters may be less than 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
SIZE: 8 1/2 x 11	Fig(s) _____
Margins not acceptable. Fig(s) _____	13. LEAD LINES. 37 CFR 1.84(q):
Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____	Lead lines cross each other. Fig(s) _____
Right (R) _____ Bottom (B) _____	Lead lines missing. Fig(s) _____
6. VIEWS. 37 CFR 1.84(h)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i):
REMINDER: Specification may require revision to correspond to drawing changes.	Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s) _____
Partial views. 37 CFR 1.84(h)(2)	15. NUMBERING OF VIEWS. 37 CFR 1.84(u):
Brackets needed to show figure as one entity. Fig(s) _____	Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
Views not labeled separately or properly. Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(v):
Enlarged view not labeled separately or properly. Fig(s) _____	Corrections not made from prior PTO-948 dated _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3):	17. DESIGN DRAWINGS. 37 CFR 1.152
Hatching not indicated for sectional portions of an object. Fig(s) _____	Surface shading shown not appropriate. Fig(s) _____
Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	Solid black shading not used for color contrast. Fig(s) _____

**COMMENTS**

REVIEWER CBR DATE 10/19/99 TELEPHONE NO. 2033058906

ATTACHMENT TO PAPER NO. \_\_\_\_\_